New England
Deaconess
Hospital
Boston, Massachusetts

pulse

VOLUME 22 — NUMBER 3 DECEMBER 1968

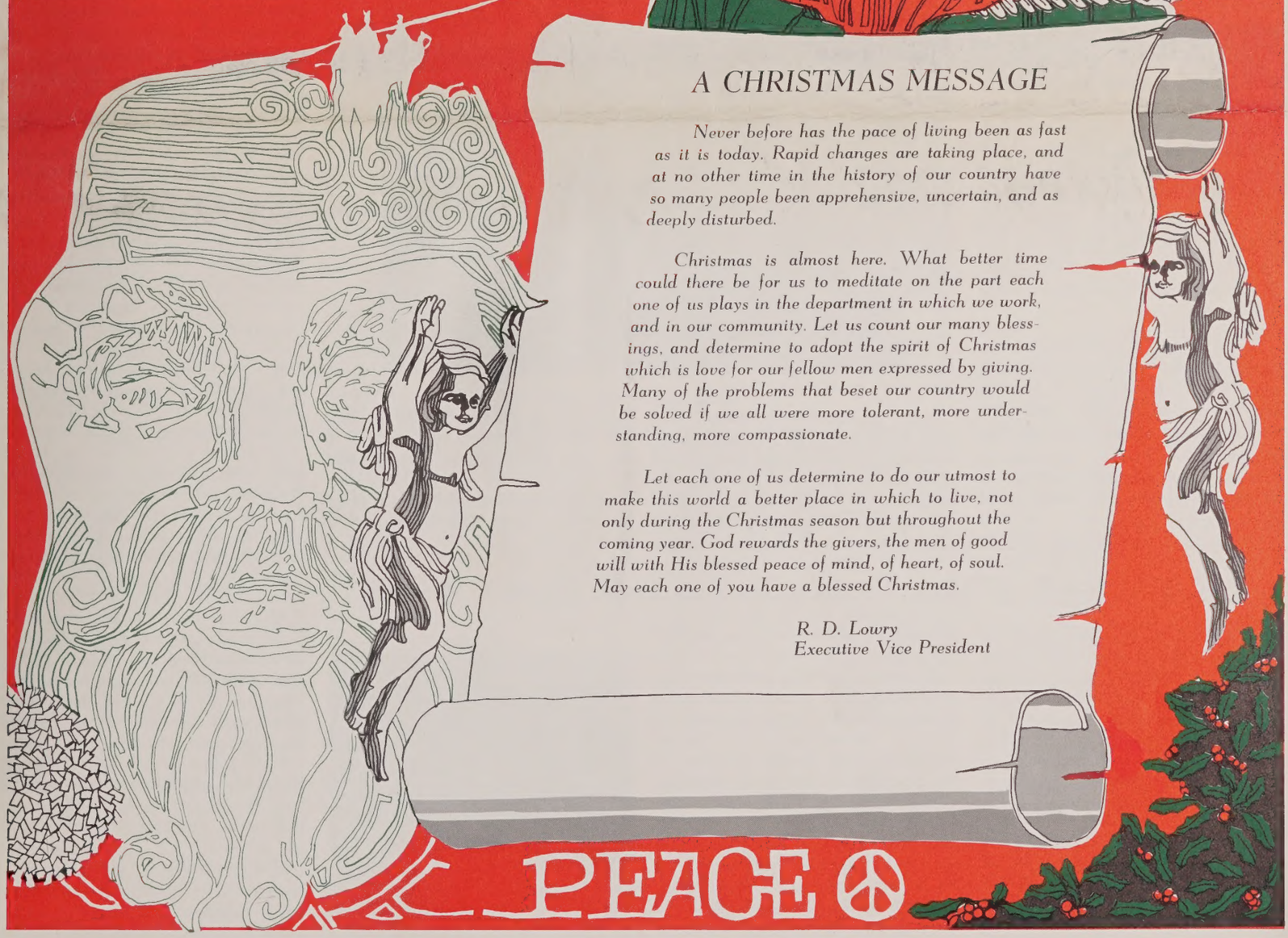
A CHRISTMAS MESSAGE

Never before has the pace of living been as fast as it is today. Rapid changes are taking place, and at no other time in the history of our country have so many people been apprehensive, uncertain, and as deeply disturbed.

Christmas is almost here. What better time could there be for us to meditate on the part each one of us plays in the department in which we work, and in our community. Let us count our many blessings, and determine to adopt the spirit of Christmas which is love for our fellow men expressed by giving. Many of the problems that beset our country would be solved if we all were more tolerant, more understanding, more compassionate.

Let each one of us determine to do our utmost to make this world a better place in which to live, not only during the Christmas season but throughout the coming year. God rewards the givers, the men of good will with His blessed peace of mind, of heart, of soul. May each one of you have a blessed Christmas.

R. D. Lowry
Executive Vice President



Dr. Marks, Dr. Warren Retire From Active Staff

When men have been associated successfully with one institution during the most intensive years of their lives, they become symbolic to that institution. Both Dr. Joseph H. Marks in radiology and Dr. Shields Warren in pathology hold such significance for the Deaconess Hospital family.

Two hundred friends gathered at the Harvard Club on Thursday evening, November 21, to pay tribute to Dr. Marks and Dr. Warren upon their retirement from the Active Staff of the Deaconess Hospital after 32 and 42 years, respectively.

The spirit of affection and respect which is held for these men was evident throughout the evening and was beautifully expressed by Dr. Roger C. Graves, chairman of the dinner committee, longtime friend and fellow physician, and by R. D. Lowry, Executive Vice President. Although the men will be deeply missed, a feeling of their continuation and permanence predominate. Their many contributions will continue to have a great effect on the growth and determination of the future of our Hospital.

Dr. Marks' years of service have been devoted to the direct care of thousands of patients whom he has treated through radiology, while Dr. Warren's were concerned with pathology education and research, resulting in profound benefits to patients throughout the world. Other men may take their titles, but no one can take their places. They have represented Deaconess in the finest tradition.

Dr. Marks was proudly accompanied by his wife, Lillian, and their two sons, Bob and Gene; Dr. Warren and his wife, Alice, were pleased to have their daughter, Emilie and her husband, Guy McLeod, at the table with them. Their other daughter, "Trish", Mrs. David R. Palmer, was unable to be present.

Dr. Joseph H. Marks receives the silver tray presented to him with the deep appreciation of the New England Deaconess Hospital family from Mr. Laurens MacLure. Mrs. Marks is at right.

Below:
Mr. Laurens MacLure presents Dr. Shields Warren with a similarly engraved silver tray while Mrs. Warren looks on.

After appropriate citations were read by Dr. Graves acknowledging their many achievements, Mr. Laurens MacLure, President of the Hospital, presented the men with silver trays bearing inscriptions of appreciation from the "Deaconess Family", which was well represented by members of the staff, the board of trustees, and the employees of the Hospital who have worked closely with Drs. Marks and Warren over their lifetimes.

Deaconess Sponsors Mass. Student Medical Tech. Charter Meeting

New England Deaconess Hospital CO-OP Medical Technology students took part in the first annual meeting of the state level student organization of the Massachusetts Association of Medical Technologists, Saturday, November 23. The meeting took place in Joslin Auditorium and was sponsored by the Deaconess Hospital.

Held from 8 A.M. to 3 P.M., the meeting was the consummation of weeks of planning and organization by medical technology students throughout the state of Massachusetts, anxious to establish a branch of the MAMT in which they can actively participate.

Co-chairmen for the gathering were Valerie Marshall, a junior, and Linda Knight, a senior, both students of Medical Technology at Northeastern University and CO-OP workers at the New England Deaconess Hospital.

Approximately 100 student representatives from all over Massachusetts attended the initial meeting to establish a charter and formulate by-laws for the organization. The meeting included a student association business meeting, lectures and a luncheon at the Children's Inn.

Medical Technology students Jane Bardh, Valerie Marshall, Carol Roop, Carol Mercier and Linda Knight, left to right, at early morning registration.

Doctors doings

Dr. David Boyd, Active Staff, Thoracic Surgery, appeared on a television panel on "Resection of the Lung," in Atlantic City, in October. The panel was part of a program of the American College of Surgeons Meeting, and was based on an operation performed at the Johns Hopkins Hospital and televised in Atlantic City.

Dr. Bradley Copeland, Active Staff, Department of Pathology, received a brass plaque, October 16, from the College of American Pathologists, ". . . In recognition of his outstanding contributions to excellence in the practice of pathology as vice-chairman and member of the Standards Committee." Dr. Copeland is retiring from the vice-chairmanship.

Dr. Albert DeFriez, Active Staff, Internal Medicine, is spending the month of November in Afghanistan, at the Avicenna Hospital, Kabul, as a Visiting Physician for CARE-MEDICO.

Dr. Morris Nicholson, Active Staff, Anesthesia, gave a lecture on "Critically Ill Patients and Emergencies," November 5, at the Nashoba Community Hospital, Ayer, Massachusetts.

Obituaries

MAYNARD H. GOODRIDGE

The sudden death on Friday, November 8 of Maynard H. Goodridge, a carpenter in Maintenance and Engineering for the past 11 years, shocked many at the Deaconess. Sympathy is especially extended to Mr. Goodridge's wife, Helen, a medical record secretary in Pathology.

Mr. Goodridge leaves two daughters, Mrs. Anne Surprise of Westport, Connecticut, Mrs. Patricia Greenough of Chatham, and six grandchildren.

A resident of Needham, Mr. Goodridge was buried at the Needham Cemetery after a service at the Eaton Funeral Home with the Rev. Raymond N. Fedje of the Carter Memorial Methodist Church, officiating.

MRS. ANN SHEA

Mrs. Ann Shea, 94, of Lynn, a retired employee of the New England Deaconess Hospital, died Sunday, November 17. An employee at the Deaconess for 23 years, Mrs. Shea served as Head Housekeeper before her retirement in 1947.

The widow of William Shea, of Dorchester, Mrs. Shea had maintained her ties with her many friends at the Deaconess. She leaves several nieces and nephews.

The funeral was held Wednesday, November 20, from the Landergan Funeral Home and St. Joseph's Church, Lynn. Burial was at St. Joseph's Cemetery.

Deaconess Participates In Polar Expedition

In November, 1929, Admiral Richard E. Byrd made his historic flight over the South Pole. In November of this year, Commander Fred G. Dustin, personal advisor to the Admiral for many years and president of the newly incorporated Admiral Richard E. Byrd Polar Center of Boston, led the first commercial round-the-world flight over both North and South poles to commemorate the Byrd flight.

Aboard the chartered Convair 990 jet was a loan of approximately $1000 worth of emergency medical, surgical and pharmaceutical materials and equipment from the New England Deaconess Hospital.

Over 50 United States business executives returned to Boston on December 3, after the 26-day flight which touched down at 14 countries on 7 continents. The flight originated in Boston as did all of Admiral Byrd's expeditions. Cost to each passenger was $10,000. A businessman interviewed by the Herald Traveler said, "The $10,000 may seem like a lot, and of course it is more than we would pay for a regular flight. But it isn't a lot for all the things we'll be doing — hunting, fishing, and the like."

The Admiral Richard E. Byrd Polar Center with temporary headquarters at 18 Tremont Street is a non-profit organization, whose purpose is to house and preserve papers, books and memorabilia of Admiral Byrd's as well as to maintain a library on all aspects of the polar regions and to conduct studies relating to commercial development of the polar regions.

For Hospital Employees: Polaroid ID Cards

The New England Deaconess Hospital has installed a new identification card system for its employees.

Hospital personnel have been receiving plastic covered identification cards complete with color photograph. Each card takes approximately two minutes to process.

Recommended as an additional security measure by the Massachusetts Hospital Association, the cards will serve as a means of positive identification in the event of emergencies when only certified Hospital personnel would be admitted to the buildings. In addition, the cards are for the employee's personal convenience when in need of proper identification.

Employees are asked to carry their cards with them at all times, since they may be requested to show them. Please report loss of card to Personnel Department.

Strides in Blood Banking . . .

BLOOD REFRIGERATION UNIT

The concept of storing red blood cells and whole blood components of plasma and platelets safely, in -80 degree Centigrade freezers for periods up to 10 years, is today an exciting reality. Fifteen years ago, when Dr. James Tullis and associates administered blood preserved by freezing into a patient at the New England Deaconess Hospital for the first time on the North American continent, it was a revolutionary breakthrough.

Now, with the acquisition of a new blood refrigeration unit, the New England Deaconess Hospital has made its initial bid toward the establishment of a frozen blood bank.

According to Dr. Albert Anderson, Director of the Deaconess Blood Bank, the new refrigeration unit is equipped to store from 200 to 300 units of typed, labeled and fractionized frozen blood, ready for emergency use.

Work on frozen blood processing began in 1953 at the former Protein Foundation and later moved to the 6th floor of Deaconess 110 Francis St., under the supervision of the Blood Research Institute (BRI). It has gone into large scale operation since the carefully prepared frozen blood study was presented before the National Research Council in January, 1954.

"The Blood Research Institute will run a regular frozen blood bank for the New England Deaconess Hospital," explained Dr. Tullis. "Originally, the thinking was that we would only transfuse Deaconess patients, but the program can be carried through so well and simply that it is likely that the BRI will be servicing a number of adjoining hospitals and medical units." Long range plans for the Deaconess refrigeration unit include an autologous blood bank for patients anticipating future surgery. The bank would enable the patient to give his own blood and have it processed and stored, then made available when clinical need for the blood arises.

Frozen blood processing and transfusions "have been carried out on a far from insignificant scale with our present equipment during the last 10 years," according to Dr. Tullis. Nearly 1000 units of frozen blood combined with glycerol have been thawed out and administered each year at the Deaconess, in routine transfusions with wholly satisfactory results.

A relatively complex procedure is involved in the blood freezing process. Prior to freezing, glycerol, a solvent, is added to whole blood in concentrations necessary to prevent ice crystal formations and salt damage to the red cells.

Centrifuges are used for the glycerolization of the red blood cells and the fractionation and separation of the other blood components: plasma and platelets.

Commander Mary T. Sproul, U.S. Navy (Ret.), who supervises the blood processing at the BRI, explained that the freezing preliminaries last approximately 45 minutes. Once the blood is ready for refrigeration, it is placed in plastic bags and enclosed in small white boxes, tagged and labeled according to types. Plasma and platelets are generally stored and frozen with the red blood cells. The refrigeration unit holds the blood at an even -80 degrees Centigrade.

For subsequent use in transfusions, frozen blood is thawed out by immersion in a rotator water bath at 37 degrees Centigrade, for 10 minutes. Deglycerolization follows. Thawing takes approximately one hour.

Dr. Anderson explained that the frozen blood program at the Deaconness would eventually be expanded further with the use of disposable centrifuge cones that have been developed. They are now being marketed as anticipated timesavers in the process of sterilization of equipment necessary after each unit of blood is run through the centrifuge.

The prospects of frozen blood banking are exciting. Once processing time is shortened and long term storage becomes routine, blood freezing will eliminate critical blood supply shortages and alleviate possible patient reaction problems in non-critical blood requirements.

In The News:

CONSTRUCTION TOPPING OFF

The completion of the structural steel erection phase of the $9.5 million building program at the New England Deaconess Hospital, was celebrated Tuesday, December 3, with a traditional Topping Off ceremony.

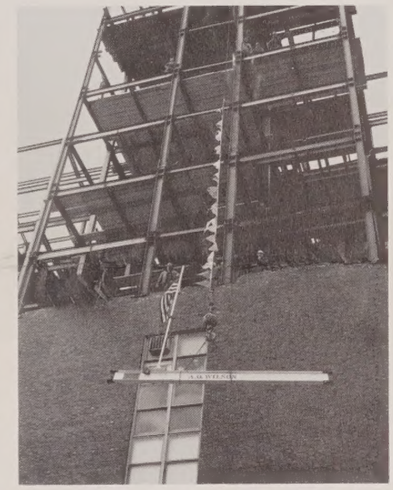
With ribbons and bunting, and the lofting of a white steel construction beam with mounted flag to the highest point of the structural steel, the Deaconess Hospital Topping Off celebration, a blend of old tradition and new innovation, was attended by Mr. Laurens MacLure, President of the Deaconess Corporation, Mr. R. D. Lowry, Executive Vice President, members of Hospital administration, staff and employees, representatives from the Briscoe Construction Company, including Mr. Austin Helle, Executive Vice President and Mr. Frank Hlavenka, General Superintendent of the Northeast area, and members of the A. O. Wilson Structural Company, including Mr. Ken Laufer, Outside Superintendent, and Mr. Don Wilson, President.

The ceremony, derived from the ancient custom of appeasing evil spirits thought to have inhabited a building's framework during construction, included the signing of the white beam by guests presiding at the Topping Off. The beam was then lifted into place by a large crane located on Pilgrim Road.

White construction "hard hats" were presented to officials of the Deaconess, Briscoe Company, and A. O. Wilson Company, who took part in the ceremony.

The Topping Off ceremony is thought to have evolved from the ancient belief that the success or failure of man's building ventures were the results of the gods he worshipped rather than the builder's skill.

To appease the spirits, sacrifices were offered by the builders to exorcise the evil spirits who might have taken residence in the building's framework. An early Chinese custom was the use of chicken blood, as a substitute for human blood, smeared on a building's ridgepole in the hope of fooling the gods.



UP SHE GOES . . . with flag unfurled and construction workers looking on, the Topping Off ceremony at the Deaconess was launched. The white beam was hoisted by crane, atop the highest point of construction Tuesday, December 3, to signify the completion of the structural steel erection.

The practice in the Scandinavian countries around 700 A.D. was for all the neighbors to aid in the construction work up to and including the installation of a building's ridgepole. When it was finally in place, an evergreen tree was attached to the ridgepole as a signal for the beginning of a completion party to be held at the expense of the builder.

A popular custom in Europe is the practice of attaching a sapling to the uppermost point of the structure. This practice is believed to originate from the ancient belief in the benign influence of the tree inhabiting spirit.

Through the years, the various forms of offerings were replaced by a

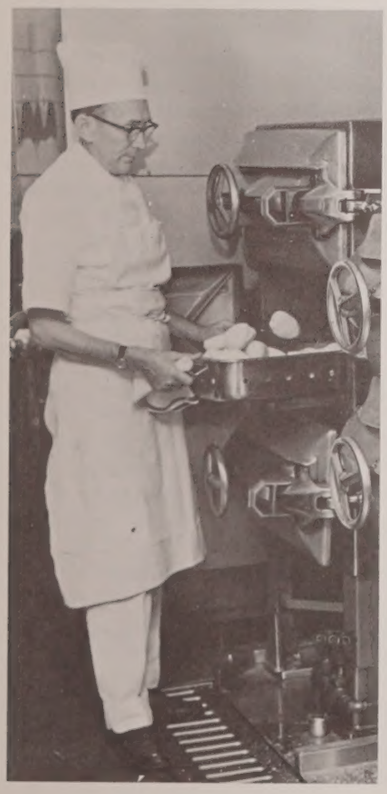
Continued, Page 6

TOO MANY COOKS?
not on your life!

Rocco Marci uses a wire whip on the gravy.

Elwood Abbott sharpens knife in readiness. The turkey limbs must be removed prior to automatic slicing.

Elwood Abbott checks to see if potatoes are ready for whipping.



They say too many cooks spoil the broth, but Deaconess Hospital has seven cooks and according to patients and employees the Thanksgiving and Christmas dinners here are delicious. For Thanksgiving, soup and fruit cup served as a preamble to the traditional turkey and trimmings topped by pumpkin, mince pie and fruit. Now, a little over a month later the whiff of turkey is in the air again for Christmas dinner.

Proceedings begin several days before the holiday. When you have 270 pounds of turkey to roast, 90 pounds of potatoes to mash, 160 pounds of peas and 120 pounds of onions to cook with 24 quarts of gravy to thicken without lumps you just can't wait until the last minute. Quite a job for seven men to handle along with daily meal responsibilities.

The cooks are busy so that patients, many of whom welcome one or two family members as dinner guests in their room, and employees who attend the hospital's holiday dinner with their families, may enjoy a special feast.

Potatoes are whipped in a mixmaster six times larger than one in a home kitchen. Vegetables are simmered in huge kettles that stand on legs and reach to a man's chest. Turkeys are sliced by machine and the stuffing is tossed in enormous pots.

Although Pulse is focusing on the cooks for this issue, the Thanksgiving and Christmas dinners also require the special attentions of salad girls, bakers, tray servers and cafeteria personnel to make each festive meal a success.

William Mpontsikaris tends to the simmering vegetables.

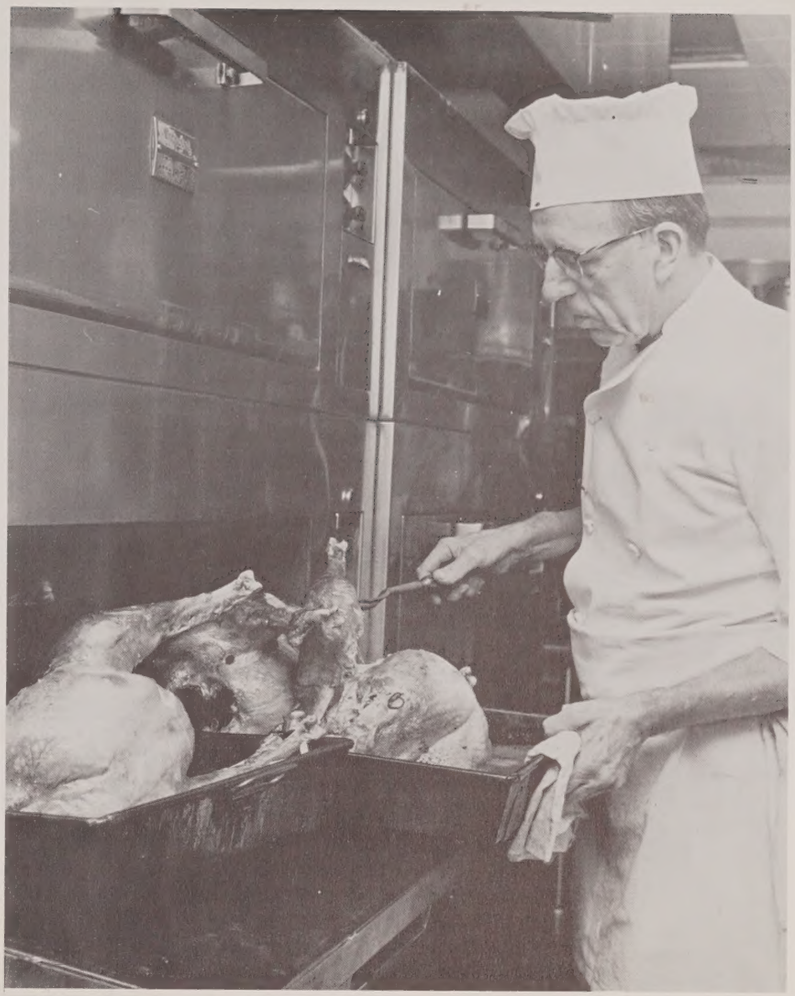
CHESTNUT STUFFING RECIPE

Courtesy of Charles Banino

Executive Chef, Ritz-Carlton Hotel

1½ pounds chestnuts, shelled and cooked
2 pounds stale bread (2 loaves, 1 pound each)
1 quart milk
2 onions, finely chopped
½ pound sausage meat (or finely ground ham, lean and fat)
2 tablespoons chopped parsley
1 tablespoon each of salt and ground sage (or poultry seasoning)
½ teaspoon freshly ground pepper
1 egg, beaten
1 turkey, 14 to 15 pounds
Giblet Gravy

Prepare chestnuts and cool them. Remove crusts from bread, break it into small pieces, and put into a bowl. Sprinkle the milk over it, little by little, so that all pieces are penetrated and let them soak in it. Combine onions and saugage (or ham) and cook slowly in a skillet until onions are soft and meat is cooked, then let cool. Stir together bread and milk, add onion and sausage, parsley, and seasonings, mix in the egg, and knead all together. Stir in chestnuts, broken into large or small pieces, as preferred. Clean turkey and wipe cavity dry. Sprinkle cavity with salt and a little pepper and stuff loosely (not solidly packed in), sew up vent, and truss bird to hold wings and legs close to body. Roast in a slow oven (325°F.), basting frequently with melted butter, for about 3½ hours or until done. (Test by inserting a fork or skewer deeply into the second joints; if done, the juice which follows the withdrawn skewer will show no trace of pink color.)



Al Merritt tests to see if the turkey is tender.

Arthur Buttrick uses the automatic slicing machine.

In the kitchen: Parsley, Sage, Rosemary and Thyme

Dennis Collins scoops stuffing into pans.

ANNUAL MEETING OF THE CORPORATION

The Annual Meeting of the Corporation was held on Tuesday, November 19 in the Riverview Room at One Ten Francis Street. It was voted to have the present officers, Francis W. Capper, Chairman of the Board; Laurens MacLure, President; James F. Farr and C. Vincent Vappi, Vice Presidents; Henry S. Rogerson, Treasurer; and James T. Mountz, Clerk, continue to serve in their respective positions.

Annual reports were given by Mr. Laurens MacLure, President of the Corporation; Dr. William A. Meissner, President of the Medical Staff; Mr. R. D. Lowry, Executive Vice President; and Mr. Richard E. Lee, Director. Mrs. George A. Dempsey gave the report from the Friends of the Deaconess in Mrs. George I. Rohrbough's absence.

A new category was established for membership designated as "Honorary Trustees". In future years it will provide the status for loyal and longtime trustees who no longer wish to be considered active, but who retain a keen interest in the Hospital and its activities.

Fifteen new Corporators were elected at this year's meeting. They are : Rev. Richard G. Belcher, Robert Belski, Bishop John M. Burgess, Rev. Gilbert H. Caldwell, Jr., Rev. Ernest R. Case, Thomas P. Gerlach, Rev. Hamilton H. Gifford, Roland B. Hoag, Frederick Lovejoy, Gerald H. Miller, James F. Morgan, Ralph Pope, Jr., Philip Singleton, Rev. Blaine Taylor and William C. White.

Mr. Laurens MacLure, President of the Hospital, (far right) with three of the newly elected corporation members (left to right) Mr. James F. Morgan, Mr. Philip Singleton and Mr. Gerald H. Miller.

TOPPING OFF —

Continued from Page 3

handkerchief and then by a flag. The Topping Off ceremony at the Deaconess, December 3, included the lofting of the flag atop a white steel construction beam. Ironworkers, who of course, deny they are superstitious, say the ceremony and hoisted flag bring "good luck."

FICTION

Morning Noon and Night
James Gould Cozzens. A successful businessman reviews his sixty-odd years in an effort to find meaning in his life.

The Queen's Confession
Victoria Holt. A biographical novel presented as the memoirs of Marie Antoinette.

A Small Town in Germany
John LeCarre. The apparent defection of a secretary in the British embassy threatens Great Britain's bargaining power in the cold war of the future.

The Wine and the Music
William E. Barrett. The moving story of a priest who must choose between the Church and the woman he loves.

Dean Center
Lee Langley. Mystery.

Sunblind Range
John Reese. Western.

NONFICTION

The Beatles
Hunter Davies. The authorized biography of the "four most famous young men in the world."

The Day of St. Anthony's Fire
John G. Fuller. The true story of the poisoning of hundreds of townspeople in a French village.

The Essence of Security
Robert S. McNamara. The author explains the principles and philosophy by which he has directed our national defense activities.

Identified Flying Saucers
Robert Loftin. A complete survey of the sighting of flying saucers from 1860 — to present.

The Secret Search for Peace in Vietnam
David Kraslow and Stuart H. Loory. A record of the unpublicized Vietnam peace efforts.

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PULSE is published monthly by the Public Relations Department of the New England Deaconess Hospital.

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Public Relations Assistant

BE PREPARED

ALPHA CREDIT UNION

New England Deaconess Hospital Bowling League

DIVISION A

Team No.	Pinfall to date Incl. Handicap	Pts.
1—C. Schraub	13412	57
3—J. Barr	12156	46
5—M. Hennessey	13329	40
4—D. Colleran	13478	38
2—J. Dillahant	11906	35

High Singles

J. Kresel	118
M. Miller	118
Bev Nickerson	93
S. Nordstrom	93

High 3 Strings for Year

R. Ruth	317
Bev Nickerson	304

High Singles for Year

R. Ruth	143
B. Nickerson	121

High Average for Year

C. Schraub	97
B. Nickerson	90

DIVISION B

Team No.	Pinfall to date Incl. Handicap	Pts.
9—A. MacDonald	13554	36
6—B. Laffey	13217	33
8—M. Coburn	13121	28
7—G. Graham	13087	20

High Singles

Bill Laffey	115
Joan Vaidulas	103

High 3 Strings for Year

Ray Bentley	323
Pat Dumont	294

High Singles for Year

Pete Cataldo	119
Karen Dold	114

High Average for Year

Ray Bentley	100
Karen Dold	89

DIVISION C

Team No.	Pinfall to date Incl. Handicap	Pts.
10—P. Gleason	13398	45
11—P. Hansen	13329	39
14—B. Shapiro	13226	36
12—J. Mazza	13326	32
13—C. Pihl	10058	20

High Singles

Bill Wambolt	91
Mattie Baker	98

High 3 Strings for Year

Paul O'Connor	300
Sheila Meek	319

High Singles for Year

Hugh Sycamore	117
Sheila Meek	122

High Average for Year

Paul O'Connor	89
Sheila Meek	87